

Fig. 1

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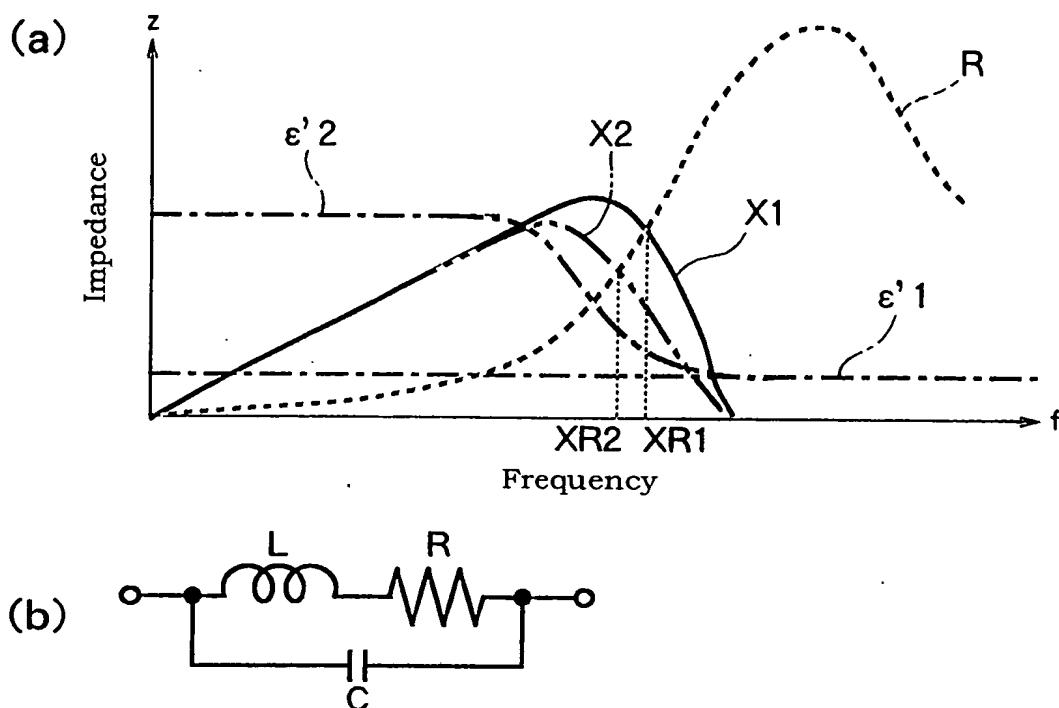


Fig. 2

	Basic Component Composition (mol %)							
	Fe_2O_3	MnO	ZnO	TiO_2	SnO_2	NiO	MgO	CuO
S1	47.0	41.5	10.5	1.0	—	—	—	—
S2	47.0	39.5	10.5	—	0.5	—	—	1.5
S3	53.0	37.5	9.5	—	—	—	—	—
S4	48.5	—	31.5	—	—	15.0	—	5.0
S5	48.5	2.0	18.5	—	—	—	31.0	—

Fig. 3

	μ_i (0.1MHz)	B_s (1,194A/m)	ρ_v (Ω m)	$\epsilon 1$	
				(1KHz)	(1MHz)
S1	857	410	1000	12320	32
S2	861	390	1000	10970	28
S3	853	420	0.1	58430	18800
S4	864	370	10000	22	17
S5	847	250	10000	56	51

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Fig. 4

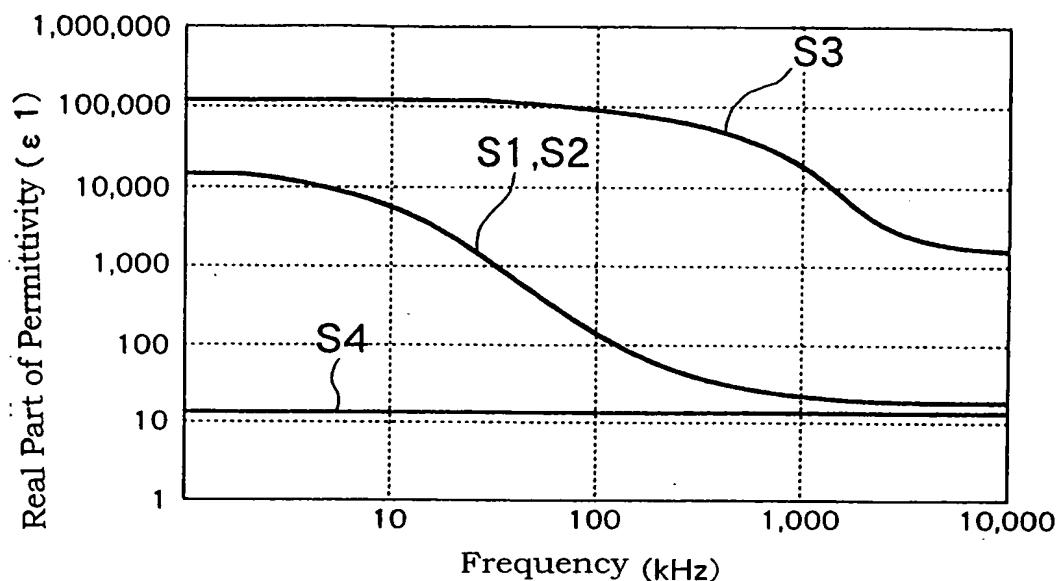


Fig. 5

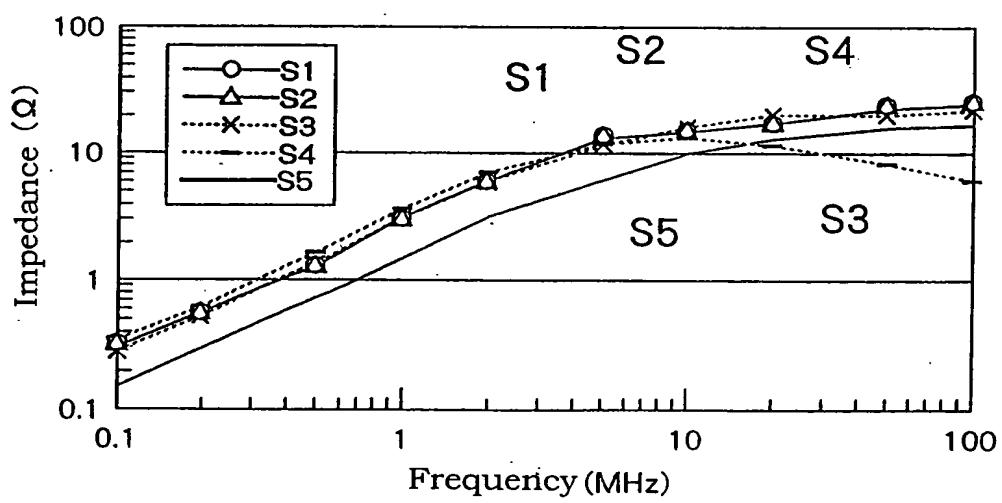


Fig. 6

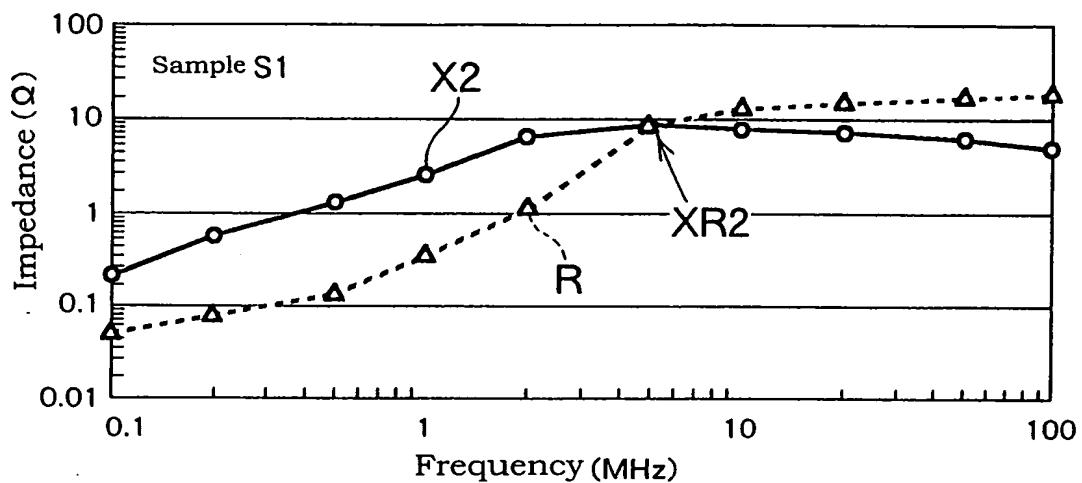
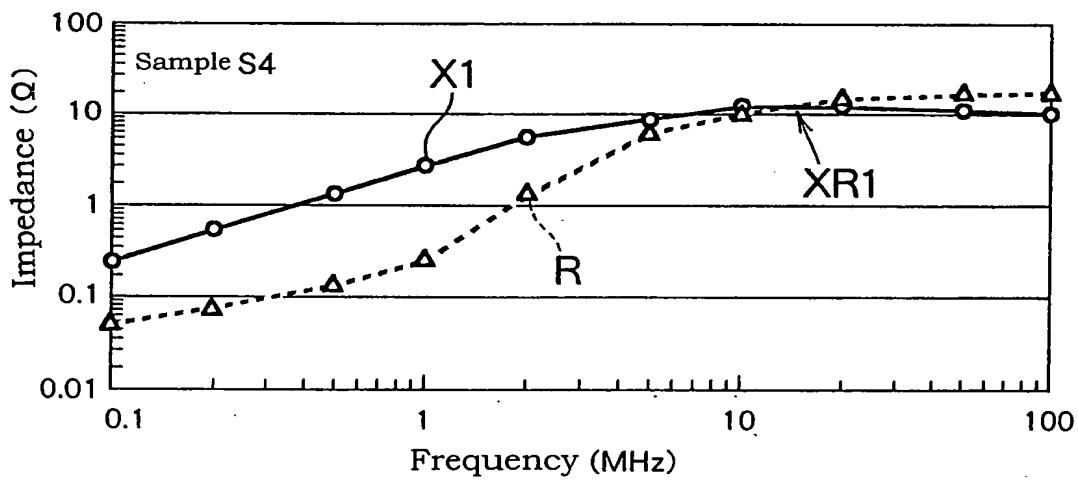


Fig. 7



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Automatic lock device

Fig. 8

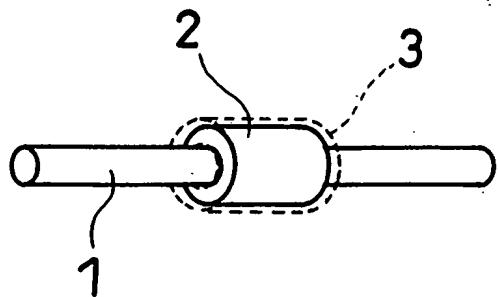
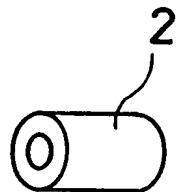
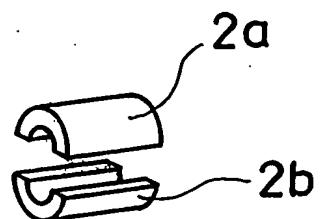


Fig. 9

(a)



(b)



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Fig. 10

